



Dryad's Verdure

Suite: Elemental Spirits

by Arya Akhavan (October 2012)

Angles for R.I. = 1.540

43 + 6 girdles = 49 facets

6-fold radial symmetry

96 index

L/W = 1.155 T/W = 0.324 U/W = 0.302

P/W = 0.543 C/W = 0.218

Vol./W³ = 0.302

PAVILION

P1	43.50°	06-10-22-26-38-42-54-58-70-74-86-90	Cut to centerpoint.
G1	90.00°	96-16-32-48-64-80	Set stone size.
P2	65.00°	96-16-32-48-64-80	Level girdle.

CROWN

C1	42.11°	96-16-32-48-64-80	Set girdle width.
C2	32.82°	02-18-34-50-66-82	Meet G1, C1
C3	28.00°	06-22-38-54-70-86	Meet G1, C1, C2
C4	23.24°	14-30-46-62-78-94	Meet C1, C2, C3
T	0.00°	Table	Meet C3, C4

This is a significant rework over the original design, because I felt it was just too derivative of other designs I had done in the same time period. This new version should perform much better, especially in lower RIs, but still scales extremely well into the high RI range. Works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but I prefer it in peridot.

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